

New Products 2010



ÖLFLEX® VFD with Signal

Multiple listed flexible VFD Cable with a Pair for Brake or Temperature Sensor



Benefits

- One common cable for multiple circuits
- Multi-Standard = less part varieties = cost savings
- Cost saving, easy installation due to renouncement of closed raceways (suitable for open wiring)
- Lapp Surge Guard insulation protects agains cable failure due to presence of typical very high over voltage peaks during VFD'S operations

Application range

- Connecting cable between Frequency converter and motor
- Connecting cable between servo controler and motor
- Plant engineering
- Machine tools

See main catalogue „THE WORLD OF LAPP“ page 91.

ÖLFLEX® FORTIS

Robust, cold flexible and increased oil resistant cable – multiple UL listed



Benefits

- Broad application range due to multiple approvals
- Cost saving, easy installation due to renouncement of closed raceways (suitable for open wiring)
- For worldwide use
- The high flexibility and the good dismantle and stripping properties enable easy space-saving cable installation and fast processing

Application range

- Industrial machinery; plant engineering
- Machine tools UL MTW (Machine Tool Wiring) conforming
- Direct usage inside metal processing cabins of machine tools due to increased oil- and wet rating
- TC-ER (Tray Cable Exposed Run) approval for open wiring between cable tray and industrial machines/plants acc. to NEC 336.10(7)
- Meets WTTG (UL2277) requirements

See main catalogue „THE WORLD OF LAPP“ page 70.

ÖLFLEX® PETRO C HFFR

Chemical and mechanical resistant cables for harsh environmental conditions – 0,6/1 kV



Benefits

- Reduced formation of toxic gases and fire spreading in the event of fire increase the protection against damage to persons and property
- Also suitable for moved applications due to especial cable design
- The copper braiding serves as electro-magnetic screening and could also normatively used as armouring (Braid Armour)
- Due to the mechanical, thermal and physical properties the product is useful for many industries and branches

Application range

- For on- and offshore applications as for instance stationary or mobile drilling rigs and marine vessels
- For electrical connection of drilling units, pumping stations, compressors, generators or also emergency power supply respectively emergency lighting in harsh environmental conditions

See main catalogue „THE WORLD OF LAPP“ page 59.

EPIC® POWERLOCK

Benefits

- Resistant to mechanical influences in harsh environmental conditions
- Connectors in harmonized colours according to European standards
- Every colour different coded to prevent incorrect plugging
- US colours on request

Application range

- For Renewable Energy Plants e.g. Wind power
- For mobile and stationary power distribution
- For the connection of motors, transformers and generators
- Light & Sound technology

See main catalogue „THE WORLD OF LAPP“ page 620 – 625.



SKINTOP® COLD/SKINTOP® COLD-R

Benefits

SKINTOP® COLD/COLD-R

- Increased cold resistant
- Dynamic strain stability
- High mechanic stability
- Optimal strain relief

Application range

SKINTOP® COLD

- In areas with high demand on special mechanical stability and cold resistance.
- Air conditioning technology
- Freezing plants, cold stores
- Off shore
- Plant engineering

SKINTOP® COLD-R

- With reducing seal insert, to seal cables with smaller outer diameters.

See main catalogue „THE WORLD OF LAPP“ page 652.



SKINTOP® CUBE

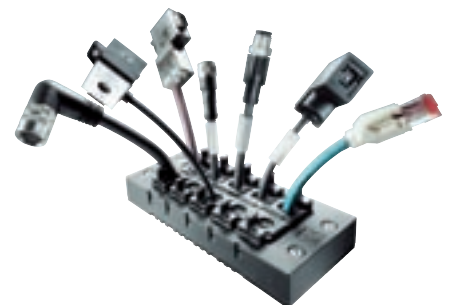
Benefits

- Various clamping range
- Vibration safe fixed modules
- Strain relief
- Oil resistance
- Simplified service due to easy assembling and disassembling

Application range

- For installation of harnessed cables
- Everywhere where cables must be safely inserted into housings.
- Apparatus and switch cabinet construction
- Electronic installations
- Automation technology

See main catalogue „THE WORLD OF LAPP“ page 666.



The complete range



Sensor/Actuator boxes

Sensor/actuator boxes with the standardized connection technology provide connections to all commercially available sensors and – actuators and are the solution for decentralizing small numbers of I/O's. Sensor/actuator boxes can be connected to the Profibus, DeviceNet™ and CANopen fieldbus systems. Regardless of –whether you are installing

them on profiles, on flat surfaces or under rough conditions – the assembly concept ensures flexibility and reduces the installation costs. The devices enable assembly in two directions and are thus suitable for every application. The arrangement of connectors minimizes the installation time even under rough conditions.

Sensor/Actuator cables

A comprehensive range of preassembled conductors with M8-, M12- and valve-connectors for rapid wiring of sensors and actuators in the field are available. Sensor/actuator cables with LEDs can be used for

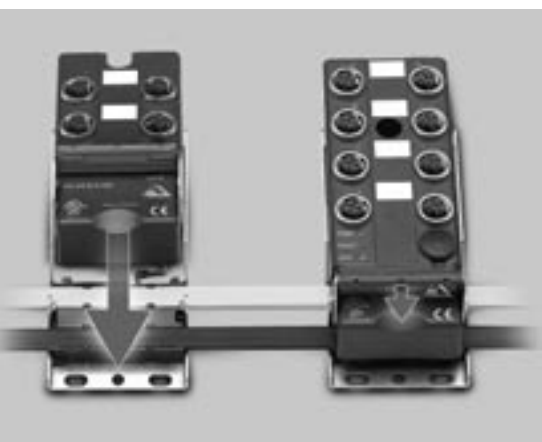
simplified control of signal status. Shielded wiring types are also available for those applications with higher EMV capability.



AS-i boxes – Easy cabling in the lower field level

The AS-i devices were designed for efficiently networking sensors and actuators in the AS-i network and allow for fast and safe installation with tool-free contacting. AS-i devices can be installed quickly and easily. The locking mechanism allows a tool-free connection

to the AS-i flat conductors. They are pressed into the corresponding guide aids and the module electronics are moved forward. The de-vices are connected to the AS-i flat conductors using the penetration technique by snapping the hinged section into place.



Sensor/Actuator flush type connectors and customer assembled plug connectors

M8 and M12 flush type connectors with integrated braid for device connection to the PCB is available. Freely customizable plug connectors can be used for rapid assembly of indivi-

dual wiring lengths of M8 and M12 sensor/actuator cables. Here it is possible to choose between versions with screw or fast connectors.

See main catalogue „THE WORLD OF LAPP“ page 328 – 391.